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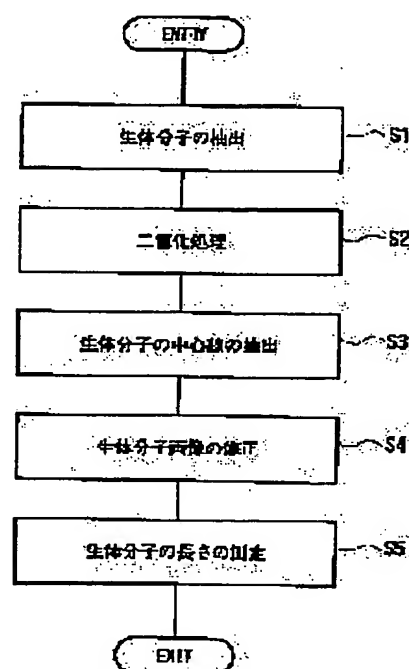
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## (54) MOLECULE LENGTH MEASURING METHOD

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide the method for easily measuring the length of a molecule.

SOLUTION: The molecule length measuring method for measuring the length of a molecule from an image of the molecule picked up by a scanning type probe microscope has a stage (S1) for extracting only a molecule image by correcting the background image of the image at a constant rate, a stage (S2) for binarizing the extracted molecule image according to a threshold, a stage (S3) for extracting the center line of the molecule from the binarized molecule image, a stage (S4) for removing images other than the object molecule to be measured from the molecule image having the center line extracted, and a stage (S5) for measuring the length of the object molecule to be measured according to the number of pixels of a display screen.



## LEGAL STATUS

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